

Lead Poisoning Prevention Program

Childhood Blood Lead Surveillance in Maryland

Annual Report Calendar Year 2017 Number and percentage of incident and prevalent cases of Blood Lead Level ≥10 µg/dL and Blood Lead Level 5-9 µg/dL by age and county of residence Supplementary Data Tables: Supplement #3

October 2018



Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Anegany	County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	892	6	0.7		0.0		0.0	0	0.0
One Year	839	512	61.0		0.0	2	0.4	2	0.4
Two Years	877	502	57.2	1	0.2	2	0.4	3	0.6
Three Years	867	62	7.2	1	1.6		0.0	1	1.6
Four Years	922	39	4.2	1	2.6		0.0	1	2.6
Five Years	824	29	3.5		0.0		0.0	0	0.0
Total	5221	1150	22.0	3	0.3	4	0.3	7	0.6
6-17 Years	9647	65	0.1		0.0		0.0	0	0.0
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	892	6	0.7		0.0		0.0	0	0.0
One Year	839	512	61.0		0.0	11	2.1	11	2.1
Two Years	877	502	57.2	1	0.2	11	2.2	12	2.4
Three Years	867	62	7.2	4	6.5	1	1.6	5	8.1
Four Years	922	39	4.2	2	5.1	1	2.6	3	7.7
Five Years	824	29	3.5	1	3.4		0.0	1	3.4
Total	5,221	1,150	22.0	8	0.7	24	2.1	32	2.8
6-17 Years	0.647	CE	0.7	1	1.5	1	1.5		2.1
b-1 / Years	9,647	65	07		1 15		1 15	2	3.1

Allegany County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			A	Anne Arundei County						
					Childre	n with Blood	Lead Leve	$l \ge 10 \ \mu g/dL$		
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases	
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Under One	8789	518	5.9		0.0		0.0	0	0.0	
One Year	8789	5114	58.2		0.0	4	0.1	4	0.1	
Two Years	8691	4257	49.0	1	0.0	3	0.1	4	0.1	
Three Years	8610	876	10.2		0.0	1	0.1	1	0.1	
Four Years	8589	784	9.1		0.0	3	0.4	3	0.4	
Five Years	8381	610	7.3		0.0		0.0	0	0.0	
Total	51849	12159	23.5	1	0.0	11	0.1	12	0.1	
6-17 Years	86856	619	0.7		0.0	1	0.2	1	0.2	
					Childre	en with Blood	Lead Leve	1 5-9 µg/dL		
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases	
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Under One	8,789	518	5.9		0.0	2	0.4	2	0.4	
One Year	8,789	5,114	58.2	4	0.1	29	0.6	33	0.6	
Two Years	8,691	4,257	49.0	2	0.0	7	0.2	9	0.2	
Three Years	8,610	876	10.2	1	0.1	4	0.5	5	0.6	
Four Years	8,589	784	9.1	3	0.4	8	1.0	11	1.4	
Five Years	8,381	610	7.3	2	0.3		0.0	2	0.3	
Total	51,849	12,159	23.5	12	0.1	50	0.4	62	0.5	
6-17 Years	86,856	619	0.7	1	0.2	4	0.6	5	0.8	

Anne Arundel County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Baltimore	County				
					Childre	n with Blood	Lead Level	l≥10 µg/dL	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	12208	1444	11.8		0.0		0.0	0	0.0
One Year	12329	6838	55.5	2	0.0	19	0.3	21	0.3
Two Years	11991	6276	52.3	1	0.0	12	0.2	13	0.2
Three Years	12068	1434	11.9		0.0	2	0.1	2	0.1
Four Years	11825	1224	10.4	1	0.1	1	0.1	2	0.2
Five Years	11801	913	7.7	1	0.1		0.0	1	0.1
Total	72222	18129	25.1	5	0.0	34	0.2	39	0.2
6-17 Years	122860	1616	1.3	1	0.1	2	0.1	3	0.2
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	12,208	1,444	11.8		0.0	8	0.6	8	0.6
One Year	12,329	6,838	55.5	8	0.1	48	0.7	56	0.8
Two Years	11,991	6,276	52.3	12	0.2	39	0.6	51	0.8
Three Years	12,068	1,434	11.9	5	0.3	16	1.1	21	1.5
Four Years	11,825	1,224	10.4	8	0.7	10	0.8	18	1.5
Five Years	11,801	913	7.7	3	0.3	12	1.3	15	1.6
Total	72,222	18,129	25.1	36	0.2	133	0.7	169	0.9
					-	<u> </u>	-	<u> </u>	
6-17 Years	122,860	1,616	1.3	11	0.7	23	1.4	34	2.1
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Baltimore County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Baltimol	le City				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	11156	952	8.5		0.0	3	0.3	3	0.3
One Year	10815	5831	53.9	8	0.1	37	0.6	45	0.8
Two Years	10385	5433	52.3	13	0.2	35	0.6	48	0.9
Three Years	9885	1995	20.2	12	0.6	11	0.6	23	1.2
Four Years	9517	1778	18.7	11	0.6	6	0.3	17	1.0
Five Years	9114	1110	12.2	4	0.4	8	0.7	12	1.1
Total	60872	17099	28.1	48	0.3	100	0.6	148	0.9
6-17 Years	87779	2453	2.8	6	0.2	5	0.2	11	0.4
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	11,156	952	8.5		0.0	23	2.4	23	2.4
One Year	10,815	5,831	53.9	12	0.2	160	2.7	172	2.9
Two Years	10,385	5,433	52.3	66	1.2	152	2.8	218	4.0
Three Years	9,885	1,995	20.2	48	2.4	56	2.8	104	5.2
Four Years	9,517	1,778	18.7	45	2.5	39	2.2	84	4.7
Five Years	9,114	1,110	12.2	32	2.9	9	0.8	41	3.7
-	60,872	17,099	28.1	203	1.2	439	2.6	642	3.8
Total	00,872	17,077							

Baltimore City

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Calvert	Jounty				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percen
Under One	1196	53	4.4		0.0		0.0	0	0.0
One Year	1207	430	35.6		0.0		0.0	0	0.0
Two Years	1235	293	23.7		0.0	2	0.7	2	0.7
Three Years	1297	52	4.0		0.0		0.0	0	0.0
Four Years	1333	45	3.4		0.0		0.0	0	0.0
Five Years	1436	36	2.5		0.0		0.0	0	0.0
Total	7704	909	11.8	0	0.0	2	0.2	2	0.2
6-17 Years	17548	40	0.2		0.0		0.0	0	0.0
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,196	53	4.4		0.0	1	1.9	1	1.9
One Year	1,207	430	35.6		0.0		0.0	0	0.0
Two Years	1,235	293	23.7		0.0	4	1.4	4	1.4
Three Years	1,297	52	4.0		0.0		0.0	0	0.0
Four Years	1,333	45	3.4		0.0		0.0	0	0.0
Five Years	1,436	36	2.5		0.0		0.0	0	0.0
	7 704	909	11.8	0	0.0	5	0.6	5	0.6
Total	7,704	707	11.0	-					

Calvert County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			Caronne	County				
				Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
561	6	1.1		0.0		0.0	0	0.0
569	314	55.2		0.0	1	0.3	1	0.3
572	293	51.2		0.0	3	1.0	3	1.0
619	60	9.7		0.0		0.0	0	0.0
591	46	7.8		0.0		0.0	0	0.0
571	31	5.4		0.0		0.0	0	0.0
3483	750	21.5	0	0.0	4	0.5	4	0.5
1								
5785	27	0.5		0.0		0.0	0	0.0
1								
Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
561	6	1.1		0.0		0.0	0	0.0
569	314	55.2	2	0.6	7	2.2	9	2.9
572	293	51.2		0.0	5	1.7	5	1.7
619	60	9.7	1	1.7	1	1.7	2	3.3
591	46	7.8		0.0		0.0	0	0.0
571	31	5.4		0.0		0.0	0	0.0
2,402	750	21.5	3	0.4	13	1.7	16	2.1
3,483	750	21.5	5	0	_			
5,785	27	0.5		0.0	· · ·	0.0	0	
	561 569 572 619 591 571 3483 5785 Population of Children 561 569 572 619 591 571	of Children         Number           561         6           569         314           572         293           619         60           591         46           571         31           3483         750           5785         27           Population of Children         Children           Number         561         6           569         314         572           293         619         60           5791         46         571	of Children         Number         Percent           561         6         1.1           569         314         55.2           572         293         51.2           619         60         9.7           591         46         7.8           571         31         5.4           3483         750         21.5           5785         27         0.5           Population of Children           0f Children         Number         Percent           561         6         1.1           569         314         55.2           572         293         51.2           619         60         9.7           591         46         7.8           571         31         5.4	Population of Children         Children Tested         Old C           561         6         1.1           569         314         55.2           572         293         51.2           619         60         9.7           619         60         9.7           591         46         7.8           571         31         5.4           3483         750         21.5         0           5785         27         0.5         0           5785         27         0.5         0           Population of Children         Children Tested         Old C           569         314         55.2         2           571         31         5.4         0           5785         27         0.5         0           5785         27         0.5         0           5785         27         0.5         0           610         Number         Percent         Number           561         6         1.1         0           569         314         55.2         2           572         293         51.2         0	$\begin{array}{ c c c c c c c } \hline Population & Children Tested & Old Cases \\ \hline Number & Percent & Number & Percent \\ \hline S61 & 6 & 1.1 & 0.0 \\ \hline 569 & 314 & 55.2 & 0.0 \\ \hline 569 & 314 & 55.2 & 0.0 \\ \hline 572 & 293 & 51.2 & 0.0 \\ \hline 619 & 60 & 9.7 & 0.0 \\ \hline 619 & 60 & 9.7 & 0.0 \\ \hline 591 & 46 & 7.8 & 0.0 \\ \hline 571 & 31 & 5.4 & 0.0 \\ \hline 3483 & 750 & 21.5 & 0 & 0.0 \\ \hline \hline 5785 & 27 & 0.5 & 0.0 \\ \hline \hline 5785 & 27 & 0.5 & 0.0 \\ \hline \hline \hline Population & Children Tested & Old Cases \\ \hline Population & Children Tested & Old Cases \\ \hline \hline Population & Old Cases & 0.0 \\ \hline 561 & 6 & 1.1 & 0.0 \\ \hline 569 & 314 & 55.2 & 2 & 0.6 \\ \hline 572 & 293 & 51.2 & 0.0 \\ \hline 619 & 60 & 9.7 & 1 & 1.7 \\ \hline 591 & 46 & 7.8 & 0.0 \\ \hline 571 & 31 & 5.4 & 0.0 \\ \hline \end{array}$	Population of Children         Children Tested         Old Cases         New (Incide Number           561         6         1.1         0.0           569         314         55.2         0.0         1           572         293         51.2         0.0         3           619         60         9.7         0.0         3           591         46         7.8         0.0         3           571         31         5.4         0.0         3           5785         27         0.5         0.0         4           Children with Blood           5785         27         0.5         0.0           Children with Blood           5785         27         0.5         0.0           Children with Blood           619         6         1.1         0.0           Children with Blood           0f Children         Percent         Number         Percent           561         6         1.1         0.0         0.0           569         314         55.2         2         0.6         7           572         293         51.2         0.0 <td><math display="block">\begin{array}{c c c c c c c c c c c c c c c c c c c </math></td> <td><math display="block">\begin{tabular}{ c c c c c c c c c c c c c c c c c c c</math></td>	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

Caroline County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Carroll	Jounty				
					Childre	n with Blood	Lead Level	l≥10 µg/dL	
	Population	Children	Tested	Old (	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2041	195	9.6		0.0	1	0.5	1	0.5
One Year	2181	1131	51.9		0.0	3	0.3	3	0.3
Two Years	2262	843	37.3		0.0		0.0	0	0.0
Three Years	2354	147	6.2		0.0	1	0.7	1	0.7
Four Years	2503	95	3.8		0.0		0.0	0	0.0
Five Years	2700	106	3.9		0.0		0.0	0	0.0
Total	14041	2517	17.9	0	0.0	5	0.2	5	0.2
6-17 Years	30920	137	0.4		0.0	1	0.7	1	0.7
								<u> </u>	
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,041	195	9.6		0.0	1	0.5	1	0.5
One Year	2,181	1,131	51.9	1	0.1	7	0.6	8	0.7
Two Years	2,262	843	37.3		0.0	7	0.8	7	0.8
Three Years	2,354	147	6.2		0.0	1	0.7	1	0.7
Four Years	2,503	95	3.8		0.0	1	1.1	1	1.1
Five Years	2,700	106	3.9		0.0	1	0.9	1	0.9
Total	14,041	2,517	17.9	1	0.0	18	0.7	19	0.8
6 17 Voore	20.020	127	0.4	1	07		0.0	1	0.7
6-17 Years	30,920	137	0.4	1	0.7		0.0	1	0.7

Carroll County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Cecil County					
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old C		New (Incide			alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1587	194	12.2		0.0		0.0	0	0.0
One Year	1662	688	41.4		0.0	3	0.4	3	0.4
Two Years	1616	414	25.6		0.0	1	0.2	1	0.2
Three Years	1617	168	10.4		0.0		0.0	0	0.0
Four Years	1594	191	12.0		0.0		0.0	0	0.0
Five Years	1651	82	5.0		0.0		0.0	0	0.0
Total	9727	1737	17.9	0	0.0	4	0.2	4	0.2
6-17 Years	18184	80	0.4		0.0	1	1.3	1	1.3
						n with Blood			
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1,587	194	12.2		0.0	1	0.5	1	0.5
One Year	1,662	688	41.4	1	0.1	9	1.3	10	1.5
Two Years	1,616	414	25.6	1	0.2	6	1.4	7	1.7
Three Years	1,617	168	10.4		0.0	1	0.6	1	0.6
Four Years	1,594	191	12.0	1	0.5	2	1.0	3	1.6
Five Years	1,651	82	5.0		0.0		0.0	0	0.0
Total	9,727	1,737	17.9	3	0.2	19	1.1	22	1.3
6-17 Years	18,184	80	0.4		0.0		0.0	0	0.0

Cecil County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Charles C	County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percen
Under One	2331	222	9.5		0.0	1	0.5	1	0.5
One Year	2293	1000	43.6		0.0	2	0.2	2	0.2
Two Years	2477	928	37.5		0.0		0.0	0	0.0
Three Years	2351	227	9.7		0.0		0.0	0	0.0
Four Years	2407	137	5.7		0.0		0.0	0	0.0
Five Years	2389	114	4.8		0.0		0.0	0	0.0
Total	14248	2628	18.4	0	0.0	3	0.1	3	0.1
6-17 Years	28330	153	0.5		0.0		0.0	0	0.0
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,331	222	9.5		0.0	3	1.4	3	1.4
One Year	2,293	1,000	43.6		0.0	9	0.9	9	0.9
Two Years	2,477	928	37.5	1	0.1	6	0.6	7	0.8
Three Years	2,351	227	9.7	1	0.4		0.0	1	0.4
Four Years	2,407	137	5.7		0.0		0.0	0	0.0
Five Years	2,389	114	4.8		0.0	1	0.9	1	0.9
1100 10uis					0.1	10	07	01	0.8
Total	14,248	2,628	18.4	2	0.1	19	0.7	21	0.0

Charles County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Dorchester					
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	529	7	1.3		0.0		0.0	0	0.0
One Year	511	280	54.8		0.0	1	0.4	1	0.4
Two Years	516	233	45.2	1	0.4	2	0.9	3	1.3
Three Years	503	72	14.3	1	1.4	1	1.4	2	2.8
Four Years	505	47	9.3		0.0	1	2.1	1	2.1
Five Years	445	16	3.6		0.0		0.0	0	0.0
Total	3009	655	21.8	2	0.3	5	0.8	7	1.1
6-17 Years	4851	22	0.5		0.0	1	4.5	1	4.5
						n with Blood	Lead Leve		
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
								Number	I ciccin
Under One	529	7	1.3		0.0		0.0	0	
Under One One Year	529 511		1.3 54.8		0.0	4			0.0
		7				4	0.0	0	0.0 1.4
One Year	511	7 280	54.8	1	0.0	4 1 1	0.0 1.4	0	0.0 1.4 0.4
One Year Two Years	511 516	7 280 233	54.8 45.2	1	0.0 0.0	4 1 1 1	0.0 1.4 0.4	0 4 1	0.0 1.4 0.4 2.8
One Year Two Years Three Years	511 516 503	7 280 233 72	54.8 45.2 14.3	<u> </u>	0.0 0.0 1.4	4 1 1 1	0.0 1.4 0.4 1.4	0 4 1 2	0.0 1.4 0.4 2.8 8.5
One Year Two Years Three Years Four Years	511 516 503 505	7 280 233 72 47	54.8 45.2 14.3 9.3	1 3 4	0.0 0.0 1.4 6.4	4 1 1 1 7	0.0 1.4 0.4 1.4 2.1	0 4 1 2 4	0.0 1.4 0.4 2.8 8.5 0.0
One Year Two Years Three Years Four Years Five Years	511 516 503 505 445	7 280 233 72 47 16	54.8 45.2 14.3 9.3 3.6	_	0.0 0.0 1.4 6.4 0.0	1 1 1	0.0 1.4 0.4 1.4 2.1 0.0	$\begin{array}{c} 0 \\ 4 \\ 1 \\ 2 \\ 4 \\ 0 \end{array}$	0.0 1.4 0.4 2.8 8.5 0.0 1.7

Dorchester County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Frederick	County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3547	164	4.6		0.0		0.0	0	0.0
One Year	3580	2217	61.9		0.0	5	0.2	5	0.2
Two Years	3791	1860	49.1	1	0.1	4	0.2	5	0.3
Three Years	3817	352	9.2	1	0.3	1	0.3	2	0.6
Four Years	3930	375	9.5		0.0		0.0	0	0.0
Five Years	3889	269	6.9		0.0	1	0.4	1	0.4
Total	22554	5237	23.2	2	0.0	11	0.2	13	0.2
6-17 Years	42464	234	0.6		0.0	1	0.4	1	0.4
						en with Blood			
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3,547	164	4.6		0.0		0.0	0	0.0
One Year	3,580	2,217	61.9		0.0	19	0.9	19	0.9
Two Years	2 701	1 0 10						10	0.5
	3,791	1,860	49.1		0.0	10	0.5	10	0.5
Three Years	3,791 3,817	1,860 352	<u>49.1</u> 9.2		0.0	10 6	0.5	10 6	0.5
Three Years Four Years	,	,		2					1.7
	3,817	352	9.2	2	0.0		1.7	6	
Four Years	3,817 3,930	352 375	9.2 9.5	2	0.0 0.5		1.7 0.0	6 2	1.7 0.5 0.0
Four Years Five Years	3,817 3,930 3,889	352 375 269	9.2 9.5 6.9		0.0 0.5 0.0	6	1.7 0.0 0.0	6 2 0	1.7 0.5

Frederick County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Garrett C	Jounty				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	383	4	1.0		0.0		0.0	0	0.0
One Year	358	164	45.8		0.0		0.0	0	0.0
Two Years	403	156	38.7		0.0		0.0	0	0.0
Three Years	396	42	10.6		0.0		0.0	0	0.0
Four Years	415	25	6.0		0.0		0.0	0	0.0
Five Years	444	15	3.4		0.0		0.0	0	0.0
Total	2399	406	16.9	0	0.0	0	0.0	0	0.0
						•			
6-17 Years	4883	6	0.1		0.0		0.0	0	0.0
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	383	4	1.0		0.0		0.0	0	0.0
One Year	358	164	45.8		0.0	1	0.6	1	0.6
Two Years	403	156	38.7	1	0.6	2	1.3	3	1.9
Three Years	396	42	10.6	1	2.4		0.0	1	2.4
Four Years	415	25	6.0		0.0	1	4.0	1	4.0
Five Years	444	15	3.4		0.0		0.0	0	0.0
Total	2,399	406	16.9	2	0.5	4	1.0	6	1.5
							-		
6-17 Years	4,883	6	0.1		0.0		0.0	0	0.0
	•	•			•	•	-	•	

Garrett County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Harlord	County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3609	554	15.4		0.0	2	0.4	2	0.4
One Year	3718	1772	47.7		0.0	2	0.1	2	0.1
Two Years	3737	1570	42.0	1	0.1		0.0	1	0.1
Three Years	3867	350	9.1		0.0		0.0	0	0.0
Four Years	3891	335	8.6		0.0		0.0	0	0.0
Five Years	3863	250	6.5		0.0		0.0	0	0.0
Total	22685	4831	21.3	1	0.0	4	0.1	5	0.1
	I					ſ		I	
6-17 Years	43723	268	0.6		0.0		0.0	0	0.0
	T								
						n with Blood			
	Population	Childrer	n Tested		Cases	New (Incide	ent) Cases		alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	3,609	554	15.4		0.0	11	2.0	11	2.0
One Year	3,718	1,772	47.7		0.0	18	1.0	18	1.0
Two Years	3,737	1,570	42.0	1	0.1	14	0.9	15	1.0
Three Years	3,867	350	9.1		0.0	5	1.4	5	1.4
Four Years	3,891	335	8.6		0.0	1	0.3	1	0.3
Five Years	3,863	250	6.5		0.0	1	0.4	1	0.4
Total	22,685	4,831	21.3	1	0.0	50	1.0	51	1.1
Total	22,005	.,							
6-17 Years	43,723	268	0.6		0.0	3	1.1	3	1.1

Harford County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Howard	County				
					Childre	n with Blood	Lead Level	l ≥10 µg/dL	
	Population	Children	Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percen
Under One	4169	375	9.0		0.0	1	0.3	1	0.3
One Year	4209	2338	55.5	1	0.0	6	0.3	7	0.3
Two Years	4449	1890	42.5		0.0	3	0.2	3	0.2
Three Years	4447	419	9.4		0.0	1	0.2	1	0.2
Four Years	4536	367	8.1	1	0.3		0.0	1	0.3
Five Years	4757	289	6.1		0.0		0.0	0	0.0
Total	26567	5678	21.4	2	0.0	11	0.2	13	0.2
6-17 Years	55199	372	0.7	1	0.3	1	0.3	2	0.5
					Childre	en with Blood	Lead Leve	1 5-9 µg/dL	
	Population	Children	Tested	Old C		New (Incide		Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	4,169	375	9.0		0.0	3	0.8	3	0.8
One Year	4,209	2,338	55.5	3	0.1	19	0.8	22	0.9
Two Years	4,449	1,890	42.5	2	0.1	7	0.4	9	0.5
Three Years	4,447	419	9.4	3	0.7	3	0.7	6	1.4
E V	1 5 2 6	367	8.1	2	0.5	2	0.5	4	1.1
Four Years	4,536	507	0.1						
Four Years Five Years	4,330	289	6.1		0.0	2	0.7	2	0.7
				10	0.0 0.2	2 36	0.7	2 46	0.7

Howard County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Kent C	ounty				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	Tested	Old (	Cases	New (Incide	ent) Cases	Total (Preva	lent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percen
Under One	256	8	3.1		0.0		0.0	0	0.0
One Year	258	93	36.0		0.0		0.0	0	0.0
Two Years	239	69	28.9		0.0		0.0	0	0.0
Three Years	254	14	5.5		0.0		0.0	0	0.0
Four Years	249	15	6.0		0.0		0.0	0	0.0
Five Years	260	4	1.5		0.0		0.0	0	0.0
Total	1516	203	13.4	0	0.0	0	0.0	0	0.0
6-17 Years	2438	6	0.2		0.0		0.0	0	0.0
					Childre	n with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	lent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	256	8	3.1		0.0		0.0	0	0.0
One Year	258	93	36.0		0.0		0.0	0	0.0
Two Years	239	69	28.9		0.0	2	2.9	2	2.9
Three Years	254	14	5.5		0.0		0.0	0	0.0
Four Years	249	15	6.0		0.0	1	6.7	1	6.7
Five Years	260	4	1.5		0.0		0.0	0	0.0
Total	1,516	203	13.4	0	0.0	3	1.5	3	1.5

Kent County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

		I	nonigomei	y County					
				Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$		
Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases	
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
15946	3592	22.5		0.0	8	0.2	8	0.2	
16061	8255	51.4	1	0.0	10	0.1	11	0.1	
16111	8037	49.9	2	0.0	5	0.1	7	0.1	
15793	1801	11.4	1	0.1	3	0.2	4	0.2	
16168	2286	14.1		0.0	2	0.1	2	0.1	
15767	1623	10.3		0.0		0.0	0	0.0	
95846	25594	26.7	4	0.0	28	0.1	32	0.1	
162658	2023	1.2		0.0	4	0.2	4	0.2	
				Childre	en with Blood	Lead Leve	1 5-9 μg/dL		
Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases	
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
15,946	3,592	22.5		0.0	22	0.6	22	0.6	
16,061	8,255	51.4	6	0.1	55	0.7	61	0.7	
16,111	8,037	49.9	6	0.1	28	0.3	34	0.4	
15,793	1,801	11.4	4	0.2	8	0.4	12	0.7	
16,168	2,286	14.1	2	0.1	12	0.5	14	0.6	
15,767	1,623	10.3	4	0.2	12	0.7	16	1.0	
95,846	25,594	26.7	22	0.1	137	0.5	159	0.6	
162,658	2,023	1.2	9	0.4	18	0.9	27	1.3	
	of Children 15946 16061 16111 15793 16168 15767 95846 162658 Population of Children 15,946 16,061 16,111 15,793 16,168 15,767 95,846	of Children         Number           15946         3592           16061         8255           16111         8037           15793         1801           16168         2286           15767         1623           95846         25594           162658         2023           Population of Children         Number           15,946         3,592           16,061         8,255           16,111         8,037           15,793         1,801           16,168         2,286           15,767         1,623           95,846         25,594	Population of ChildrenChildren Tested NumberPercent15946 $3592$ $22.5$ 16061 $8255$ $51.4$ 16111 $8037$ $49.9$ 15793 $1801$ $11.4$ 16168 $2286$ $14.1$ 15767 $1623$ $10.3$ 95846 $25594$ $26.7$ Children Tested162658 $2023$ $1.2$ Population of ChildrenChildren Tested15,946 $3,592$ $22.5$ 16,061 $8,255$ $51.4$ 16,111 $8,037$ $49.9$ 15,793 $1,801$ $11.4$ 16,168 $2,286$ $14.1$ 15,767 $1,623$ $10.3$ 95,846 $25,594$ $26.7$	Population of Children         Children Tested         Old G           15946         3592         22.5           16061         8255         51.4         1           16111         8037         49.9         2           15793         1801         11.4         1           16168         2286         14.1         1           16168         2286         14.1         1           15767         1623         10.3         1           95846         25594         26.7         4           162658         2023         1.2         1           Population of Children         Children Tested         Old G           16,061         8,255         51.4         6           16,061         8,255         51.4         6           16,111         8,037         49.9         6           15,793         1,801         11.4         4           16,168         2,286         14.1         2           15,767         1,623         10.3         4           95,846         25,594         26.7         22	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Population of Children         Children Tested         Children with Blood           15946         3592         22.5         0.0         8           16061         8255         51.4         1         0.0         10           16111         8037         49.9         2         0.0         5           15793         1801         11.4         1         0.1         3           16168         2286         14.1         0.0         2           15767         1623         10.3         0.0         2           162658         2023         1.2         0.0         4           Population of Children         Children Tested         Old Cases         New (Incide Old Cases           Population of Children         Children Tested         Old Cases         New (Incide Old Cases           15,946         3,592         22.5         0.0         22           16,061         8,255         51.4         6         0.1         25           16,061         8,255         51.4         6         0.1         28           15,793         1,801         11.4         4         0.2         8           16,168         2,286         14.1	Population         Children Tested         Old Cases         New (Incident) Cases           0f Children         Number         Percent         Number         Percent         Number         Percent           15946         3592         22.5         0.0         8         0.2           16061         8255         51.4         1         0.0         10         0.1           16111         8037         49.9         2         0.0         5         0.1           15793         1801         11.4         1         0.1         3         0.2           16168         2286         14.1         0.0         2         0.1           15767         1623         10.3         0.0         0.0         0.0           95846         25594         26.7         4         0.0         28         0.1           162658         2023         1.2         0.0         4         0.2           Population         Children Tested         Old Cases         New (Incident) Cases           of Children         Number         Percent         Number         Percent           15,946         3,592         22.5         0.0         22         0.6      <	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	

Montgomery County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			PH	ince Georg	e s Count	у			
					Childre	n with Blood	Lead Leve	l≥10 µg/dL	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15369	2187	14.2		0.0	8	0.4	8	0.4
One Year	14935	7115	47.6	3	0.0	22	0.3	25	0.4
Two Years	14638	6388	43.6	5	0.1	17	0.3	22	0.3
Three Years	14634	2351	16.1	1	0.0	10	0.4	11	0.5
Four Years	14042	2672	19.0	1	0.0	6	0.2	7	0.3
Five Years	13671	2041	14.9	1	0.0	3	0.1	4	0.2
Total	87289	22754	26.1	11	0.0	66	0.3	77	0.3
6-17 Years	140569	2827	2.0	4	0.1	17	0.6	21	0.7
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old (		New (Incide			alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	15,369	2,187	14.2		0.0	24	1.1	24	1.1
One Year	14,935	7,115	47.6	2	0.0	62	0.9	64	0.9
Two Years	14,638	6,388	43.6	8	0.1	57	0.9	65	1.0
Three Years	14,634	2,351	16.1	8	0.3	31	1.3	39	1.7
Four Years	14,042	2,672	19.0	3	0.1	28	1.0	31	1.2
Five Years	13,671	2,041	14.9	7	0.3	24	1.2	31	1.5
Total	87,289	22,754	26.1	28	0.1	226	1.0	254	1.1
Total									

Prince George's County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			Q	ueen Anne	e s County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	675	15	2.2		0.0		0.0	0	0.0
One Year	663	313	47.2		0.0		0.0	0	0.0
Two Years	666	290	43.5		0.0	1	0.3	1	0.3
Three Years	692	52	7.5		0.0		0.0	0	0.0
Four Years	715	42	5.9		0.0		0.0	0	0.0
Five Years	753	24	3.2		0.0		0.0	0	0.0
Total	4164	736	17.7	0	0.0	1	0.1	1	0.1
	1				r	1			
6-17 Years	8359	20	0.2		0.0		0.0	0	0.0
	1								
						n with Blood			
	Population	Children	n Tested		Cases	New (Incide	ent) Cases		alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	675	15	2.2		0.0		0.0	0	0.0
One Year	663	313	47.2		0.0	5	1.6	5	1.6
Two Years	666	290	43.5		0.0		0.0	0	0.0
Three Years	692	52	7.5	1	1.9		0.0	1	1.9
Four Years	715	42	5.9		0.0		0.0	0	0.0
Five Years	753	24	3.2		0.0		0.0	0	0.0
Total	4,164	736	17.7	1	0.1	5	0.7	6	0.8
Total	7,107								
6-17 Years	8,359	20	0.2		0.0	1	0.0	0	0.0

**Oueen Anne's County** 

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			~	aint Mary					
					Childre	n with Blood	Lead Level	l ≥10 µg/dL	
	Population	Children	Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	1880	86	4.6		0.0		0.0	0	0.0
One Year	1870	796	42.6		0.0		0.0	0	0.0
Two Years	1869	455	24.3		0.0		0.0	0	0.0
Three Years	1978	83	4.2		0.0		0.0	0	0.0
Four Years	1930	73	3.8		0.0		0.0	0	0.0
Five Years	1889	37	2.0		0.0		0.0	0	0.0
Total	11416	1530	13.4	0	0.0	0	0.0	0	0.0
6-17 Years	19173	55	0.3	1	1.8		0.0	1	1.8
						n with Blood			
	Population	Children	Tested	Old C		New (Incide	-		alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	NT 1	
Under One							rereem	Number	Percent
Chaef One	1,880	86	4.6		0.0		0.0	Number 0	
One Year	1,880 1,870	86 796	4.6 42.6	2	0.0 0.3	3			0.0
				2		33	0.0	0	0.0 0.6
One Year	1,870	796	42.6	2	0.3		0.0 0.4	0 5	0.0 0.6 0.7
One Year Two Years	1,870 1,869	796 455	42.6 24.3		0.3 0.0		0.0 0.4 0.7	0 5 3	0.0 0.6 0.7 2.4
One Year Two Years Three Years	1,870 1,869 1,978	796 455 83	42.6 24.3 4.2		0.3 0.0 2.4		0.0 0.4 0.7 0.0	0 5 3 2	0.0 0.6 0.7 2.4 0.0
One Year Two Years Three Years Four Years	1,870 1,869 1,978 1,930	796 455 83 73	42.6 24.3 4.2 3.8		0.3 0.0 2.4 0.0	3	0.0 0.4 0.7 0.0 0.0	0 5 3 2 0	0.0 0.6 0.7 2.4 0.0 2.7
One Year Two Years Three Years Four Years Five Years	1,870 1,869 1,978 1,930 1,889	796 455 83 73 37	42.6 24.3 4.2 3.8 2.0	2	0.3 0.0 2.4 0.0 0.0	3	0.0 0.4 0.7 0.0 0.0 2.7	0 5 3 2 0 1	Percent 0.0 0.6 0.7 2.4 0.0 2.7 0.7

Saint Mary's County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Somerset	County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (		New (Incide			alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	327	6	1.8		0.0		0.0	0	0.0
One Year	325	198	60.9		0.0	1	0.5	1	0.5
Two Years	344	177	51.5		0.0		0.0	0	0.0
Three Years	297	38	12.8		0.0		0.0	0	0.0
Four Years	317	21	6.6		0.0		0.0	0	0.0
Five Years	301	4	1.3		0.0		0.0	0	0.0
Total	1911	444	23.2	0	0.0	1	0.2	1	0.2
6-17 Years	3053	22	0.7		0.0		0.0	0	0.0
						en with Blood			
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	327	6	1.8		0.0		0.0	0	0.0
One Year	325	198	60.9		0.0	1	0.5	1	0.5
Two Years	344	177	51.5	1	0.6	1	0.6	2	1.1
Three Years	297	38	12.8		0.0	1	2.6	1	2.6
Four Years	317	21	6.6	1	4.8		0.0	1	4.8
Five Years	301	4	1.3		0.0		0.0	0	0.0
Total	1,911	444	23.2	2	0.5	3	0.7	5	1.1
	1					ſ		· · · · · · · · · · · · · · · · · · ·	
6-17 Years	3,053	22	0.7		0.0		0.0	0	0.0

Somerset County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			Taioor	Jounty				
				Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
428	4	0.9		0.0		0.0	0	0.0
503	285	56.7	1	0.4	1	0.4	2	0.7
500	262	52.4		0.0		0.0	0	0.0
446	40	9.0		0.0		0.0	0	0.0
466	37	7.9		0.0		0.0	0	0.0
509	19	3.7		0.0		0.0	0	0.0
2852	647	22.7	1	0.2	1	0.2	2	0.3
5265	23	0.4		0.0		0.0	0	0.0
				Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
428	4	0.9		0.0		0.0	0	0.0
503	285	56.7	1	0.4	4	1.4	5	1.8
500	262	52.4		0.0	2	0.8	2	0.8
446	40	9.0		0.0		0.0	0	0.0
466	37	7.9		0.0		0.0	0	0.0
509	19	3.7		0.0		0.0	0	0.0
2,852	647	22.7	1	0.2	6	0.9	7	1.1
	of Children           428           503           500           446           466           509           2852           5265           Population of Children           428           503           500           446           428           503           500           446           503           500           446           509	of Children         Number           428         4           503         285           500         262           446         40           466         37           509         19           2852         647           5265         23           Population of Children         Children           Number         428           428         4           503         285           500         262           446         40           428         4           503         285           500         262           446         40           466         37           509         19	of Children         Number         Percent           428         4         0.9           503         285         56.7           500         262         52.4           446         40         9.0           466         37         7.9           509         19         3.7           2852         647         22.7           Children Tested           5265         23         0.4           Population of Children           Vereent         428         4         0.9           503         285         56.7         503         285           503         285         56.7         500         262         52.4           446         40         9.0         466         37         7.9           500         262         52.4         446         40         9.0           466         37         7.9         509         19         3.7	Population of Children         Children Tested         Old C           428         4         0.9         1           428         4         0.9         1           503         285         56.7         1           500         262         52.4         1           446         40         9.0         1           466         37         7.9         1           509         19         3.7         1           2852         647         22.7         1           5265         23         0.4         1           Population of Children         Children Tested         Old C           428         4         0.9         1           503         285         56.7         1           503         285         56.7         1           503         285         56.7         1           500         262         52.4         1           446         40         9.0         1           446         40         9.0         1           466         37         7.9         1           509         19         3.7         1	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Population of Children         Children with Blood Old Cases         New (Incide Old Cases           428         4         0.9         0.0           428         4         0.9         0.0           503         285         56.7         1         0.4         1           500         262         52.4         0.0         0.0           446         40         9.0         0.0         0.0           4466         37         7.9         0.0         0.0           466         37         7.9         0.0         0.0           509         19         3.7         0.0         0.0           5265         23         0.4         0.0         0.0           5265         23         0.4         0.0         0.0           5265         23         0.4         0.0         0.0           5265         23         0.4         0.0         0.0           6         Children Tested         Old Cases         New (Incide Old Cases         New (Incide New (Incide Old Cases         New (Incide Number           428         4         0.9         0.0         2         2         446         40         9.0	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

Talbot County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			,	Washingto	n County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	Tested	Old (	Cases	New (Incide	ent) Cases	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percen
Under One	2213	36	1.6		0.0		0.0	0	0.0
One Year	2212	1019	46.1		0.0	1	0.1	1	0.1
Two Years	2309	941	40.8		0.0	1	0.1	1	0.1
Three Years	2366	278	11.7		0.0	2	0.7	2	0.7
Four Years	2210	313	14.2		0.0	1	0.3	1	0.3
Five Years	2333	228	9.8		0.0		0.0	0	0.0
Total	13643	2815	20.6	0	0.0	5	0.2	5	0.2
6-17 Years	23756	106	0.4		0.0		0.0	0	0.0
						n with Blood	Lead Leve		
	Population	Children		Old C	Cases	New (Incide	,	Total (Preva	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	2,213	36	1.6		0.0		0.0	0	0.0
One Year	2,212	1,019	46.1		0.0	16	1.6	16	1.6
Two Years	2,309	941	40.8	3	0.3	12	1.3	15	1.6
Three Years	2,366	278	11.7		0.0	1	0.4	1	0.4
Four Years	2,210	313	14.2	1	0.3	4	1.3	5	1.6
Five Years	2,333	228	9.8		0.0		0.0	0	0.0
Total	13,643	2,815	20.6	4	0.1	33	1.2	37	1.3
6-17 Years	23,756	106	0.4	3	2.8	1	0.9	4	3.

Washington County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			wicomico	County				
				Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
Population	Children	Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1571	47	3.0		0.0		0.0	0	0.0
1591	943	59.3		0.0	1	0.1	1	0.1
1542	852	55.3	2	0.2	2	0.2	4	0.5
1612	228	14.1	1	0.4		0.0	1	0.4
1410	140	9.9		0.0	1	0.7	1	0.7
1500	75	5.0		0.0		0.0	0	0.0
9226	2285	24.8	3	0.1	4	0.2	7	0.3
15268	148	1.0		0.0		0.0	0	0.0
				Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
Population	Children	Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1,571	47	3.0		0.0	1	2.1	1	2.1
1,591	943	59.3	3	0.3	7	0.7	10	1.1
1,542	852	55.3	1	0.1	5	0.6	6	0.7
1,612	228	14.1	1	0.4	3	1.3	4	1.8
1,410	140	9.9	1	0.7	1	0.7	2	1.4
1,500	75	5.0	2	2.7	1	1.3	3	4.0
9,226	2,285	24.8	8	0.4	18	0.8	26	1.1
15,268	148	1.0		0.0	1	0.7	1	0.7
10,200	110	110		010	1	017	-	011
	1571 1591 1542 1612 1410 1500 9226 15268 Population of Children 1,571 1,591 1,542 1,612 1,410 1,500 9,226	of Children         Number           1571         47           1571         47           1591         943           1542         852           1612         228           1410         140           1500         75           9226         2285           15268         148           Population of Children         Number           1,571         47           1,591         943           1,542         852           1,612         228           1,612         228           1,410         140           1,591         943           1,542         852           1,612         228           1,410         140           1,500         75           9,226         2,285	of Children         Number         Percent           1571         47         3.0           1591         943         59.3           1542         852         55.3           1612         228         14.1           1410         140         9.9           1500         75         5.0           9226         2285         24.8           Children Tested           15268         148         1.0           Population of Children           0         Number         Percent           1,571         47         3.0           1,591         943         59.3           1,592         852         55.3           1,591         943         59.3           1,542         852         55.3           1,612         228         14.1           1,410         140         9.9           1,500         75         5.0           9,226         2,285         24.8	Population of Children         Children Tested         Old C           1571         47         3.0         1591           1591         943         59.3         1542           1542         852         55.3         2           1612         228         14.1         1           1410         140         9.9         1           1500         75         5.0         1           9226         2285         24.8         3           15268         148         1.0         1           Population of Children         Children Tested         Old C           1,571         47         3.0         1           1,591         943         59.3         3           1,591         943         59.3         3           1,591         943         59.3         3           1,591         943         59.3         1           1,612         228         14.1         1           1,612         228         14.1         1           1,410         140         9.9         1           1,500         75         5.0         2           9,226         2,285	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Population of Children         Children Tested         Old Cases         New (Incide Number           1571         47         3.0         0.0         1           1571         47         3.0         0.0         1           1591         943         59.3         0.0         1           1542         852         55.3         2         0.2         2           1612         228         14.1         1         0.4         1           1410         140         9.9         0.0         1         1           1500         75         5.0         0.0         1         4           1500         75         5.0         0.0         1         4           15268         148         1.0         0.0         1         4           15268         148         1.0         0.0         1         4           15268         148         1.0         0.0         1         4           15268         148         1.0         0.0         1         1           15268         148         1.0         0.0         1         1           1,571         47         3.0         0.0	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$

Wicomico County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				worcester	County				
					Childre	n with Blood	Lead Level	$l \ge 10 \ \mu g/dL$	
	Population	Children	n Tested	Old (	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	582	23	4.0		0.0		0.0	0	0.0
One Year	592	392	66.2		0.0		0.0	0	0.0
Two Years	581	344	59.2		0.0	1	0.3	1	0.3
Three Years	580	77	13.3		0.0		0.0	0	0.0
Four Years	591	55	9.3		0.0		0.0	0	0.0
Five Years	561	33	5.9		0.0		0.0	0	0.0
Total	3487	924	26.5	0	0.0	1	0.1	1	0.1
6-17 Years	6848	39	0.6		0.0		0.0	0	0.0
					Childre	en with Blood	Lead Leve	1 5-9 μg/dL	
	Population	Children	n Tested	Old C	Cases	New (Incide	ent) Cases	Total (Prev	alent) Cases
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under One	582	23	4.0		0.0	2	8.7	2	8.7
One Year	592	392	66.2		0.0	5	1.3	5	1.3
Two Years	581	344	59.2	3	0.9	1	0.3	4	1.2
Three Years	580	77	13.3		0.0	3	3.9	3	3.9
Four Years	591	55	9.3		0.0	1	1.8	1	1.8
Five Years	561	33	5.9		0.0		0.0	0	0.0
Total	3,487	924	26.5	3	0.3	12	1.3	15	1.6
6-17 Years	6,848	39	0.6		0.0		0.0	0	0.0

Worcester County

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9  $\mu g/dL$  by age and county of residence

(Annual Report 2017)

			County O	IIKIIUWII					
			Children with Blood Lead Level $\geq 10  \mu g/dL$						
Population	Children Tested		Old Cases		New (Incident) Cases		Total (Prevalent) Cases		
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percen	
	1						0		
	7						0		
	5						0		
	1						0		
	1						0		
	1						0		
	16		0		0		0		
	6			0.0		0.0	0	0.0	
			Children with Blood Lead Level 5-9 µg/dL						
Population	Children Tested		Old Cases		New (Incident) Cases		Total (Prevalent) Cases		
of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	1						0		
	7						0		
	5						0		
	1						0		
	1						0		
	1						0		
	16						0		
	Population	of Children         Number           1         1           7         5           1         1           1         1           1         1           1         1           1         1           1         16           Population of Children         6           Population of Children         11           7         5           1         7           5         1           1         1           1         1           1         1           1         1	of Children         Number         Percent           1         1           7         5           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         16           16         16           16         16           16         16           17         16           18         16           19         11           10         11           11         11           12         11           13         11           14         11	Population of ChildrenChildren TestedOld GNumberPercentNumber1177511111111110160616Population of ChildrenPercent117011711111111111111111111111	$\begin{array}{ c c c c c } \hline Population & Children Tested & Old Cases \\ \hline Number & Percent & Number & Percent \\ \hline 1 & Percent & Number & Percent \\ \hline 1 & 1 & 1 & 1 \\ \hline 1 & 1$	Population of ChildrenChildren TestedOld CasesNew (Incide11NumberPercentNumber11115111	Population of ChildrenChildren TestedChildren with Blood Lead Leve Old CasesNumberPercentNumberPercent11PercentNumber71Image: Straight of	PopulationChildrenTestedOld CasesNew (Incident) CasesTotal (Preva0f ChildrenNumberPercentNumberPercentNumberPercentNumber1110000051100000111000001110000011100000110000001600000001600.00.00.0001600.00.00001600.00.00.0001600.00.00.0001600.00.00.0001600.00.00.0001600.00.00.0001600.00.00.00017000.00.000180000001900000010000000100000019000 <t< td=""></t<>	

County Unknown

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level  $\geq 10 \ \mu g/dL$  and Blood Lead Level 5-9

 $\mu g/dL$  by age and county of residence

(Annual Report 2017)

				Statev					1		
				Children with Blood Lead Level $\geq 10 \ \mu g/dL$							
	Population	Children Tested		Old Cases		New (Incident) Cases		Total (Prevalent) Cases			
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Under One	92245	10699	11.6		0.0	24	0.2	24	0.2		
One Year	92070	48045	52.2	16	0.0	121	0.3	137	0.3		
Two Years	91801	42768	46.6	28	0.1	94	0.2	122	0.3		
Three Years	91350	11219	12.3	18	0.2	33	0.3	51	0.5		
Four Years	90656	11143	12.3	15	0.1	21	0.2	36	0.3		
Five Years	89809	7959	8.9	6	0.1	12	0.2	18	0.2		
Total	547931	131833	24.1	83	0.1	305	0.2	388	0.3		
6-17 Years	946416	11367	1.2	13	0.1	34	0.3	47	0.4		
				Children with Blood Lead Level 5-9 µg/dL							
	Population	Children Tested		Old Cases		New (Incident) Cases		Total (Prevalent) Cases			
Age Group	of Children	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Under One	92,245	10,699	11.6		0.0	102	1.0	102	1.0		
One Year	92,070	48,045	52.2	45	0.1	499	1.0	544	1.1		
Two Years	91,801	42,768	46.6	109	0.3	382	0.9	491	1.1		
Three Years	91,350	11,219	12.3	81	0.7	142	1.3	223	2.0		
Four Years	90,656	11,143	12.3	74	0.7	113	1.0	187	1.7		
Five Years	89,809	7,959	8.9	51	0.6	64	0.8	115	1.4		
Total	547,931	131,833	24.1	360	0.3	1,302	1.0	1,662	1.3		
6-17 Years	946,416	11,367	1.2	71	0.6	189	1.7	260	2.3		

Terms and definitions:

1. County assignment in the order of available address information is based on census tract or zip code of the address.

2. Population of children was projected from Maryland census population 2010, provided by the Maryland Data Center, Maryland Department of Planning, <u>www.planning.maryland.gov/msdc</u>. Because of inherent problems with projection, the projected population may not correspond to the number of children tested. In such cases, the percentages are removed and replaced with an asterisk<sup>\*\*</sup>.

3. Old cases are based on the number of children who have had a blood lead test with blood lead level  $\ge 10 \ \mu g/dL$  or blood lead test of 5-9  $\mu g/dL$  in 2016 and had at least one such blood lead test in the past.

4. New cases (Incidence) is based on the number of children with the very first blood lead test with blood lead level  $\geq 10 \ \mu g/dL$  or blood lead level of 5-9  $\mu g/dL$  in 2017. These children either may have not been tested for lead in the past or all their previous blood lead tests was below 10  $\mu g/dL$ , or below 5  $\mu g/dL$ .

5. Prevalence is the number of children with at least one blood lead test with blood lead level  $\geq 10 \ \mu g/dL$  or 5-9  $\mu g/dL$  in 2017.

6. The selection of blood lead test is based on the highest blood lead level in 2017. If a child had multiple blood lead tests some in 5-9  $\mu$ g/dL range and some  $\geq 10 \mu$ g/dL, the child was counted in the  $\geq 10$  category only.

7. Percentages are rounded to the first decimal point. As such the sum of breakdown percentages may not equal total percentage.